

**Northwest Biological Assessment Workgroup**  
***18<sup>TH</sup> Annual Meeting – Cannon Beach, Oregon***  
**WEDNESDAY - November 7, 2007 –**  
**AGENDA**

- 12:30 – 1:00      **Sign-in**
- 1:00 - 1:30      **Welcome, Logistics, etc.**  
Gretchen Hayslip, EPA Region 10
- 1:30 – 2:00      **An Old Fashioned California Update**  
Jim Harrington, CDFG
- 2:00 - 2:30      **EMAP and Oregon DEQ's Evidence Based WQ Priority Setting Process**  
Doug Drake, Oregon DEQ
- 2:30 - 3:00      **Development of a National USGS Database for Biological Data**  
Doreen MacCoy, USGS
- 3:00 – 3:30      **BREAK**
- 3:30 – 4:00      **Counting Small Snails in a Big River – Survey Sampling to Estimate Population Size of a Threatened Snail**  
Leska S. Fore, Statistical Design and William H. Clark and Barry Bean, Idaho Power Co.
- 4:00 – 4:30      **A Calcium-based Risk Assessment for Zebra Mussel and Quagga Mussel (*Dreissena spp.*) invasion**  
Thom Whittier, Oregon State University

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**THURSDAY - November 8, 2007 – AGENDA**

- 8:00 – 8:30     **Phytoplankton and Zooplankton Lab Methods for the National Lakes Survey**  
Dawn Hamilton, EcoAnalysts
- 8:30 - 9:00     **The National Lakes Assessment in Oregon**  
Greg Coffeen, Oregon DEQ
- 9:00 – 9:30     **Biological Indicators for Lakes: do Benthic and Zooplankton Indicators Respond to Different Factors?**  
Chuck Hawkins, Utah State University
- 9:30 - 10:00    **Use of Pico-cyanobacteria, Heterotrophic Bacteria and Detailed Hytoplankton Analysis to Determine the Trophic Status of Lakes**  
Darren Brandt, Terragraphics
- 10:00 - 10:30    **BREAK**
- 10:30 – 11:00   **Population Attributable Risk Combines Relative Risk with Stressor Extent, to Assess Aquatic Stressors**  
John Van Sickle and Steven G. Paulsen, EPA Office of Research and Development
- 11:00 – 11:30   **PNAMP Habitat Protocol Comparison**  
Steve Lanigan/Kristen Gallo, USFS
- 11:30 - 12:00   **Longitudinal Variability in Pacific Northwest Rivers; Implications for Regional River Survey Design**  
Alan Herlihy and Robert M. Hughes, OSU
- 12:00 - 1:30     **LUNCH**
- 1:30 - 2:00     **Effects of Nutrient Enrichment on Stream Ecosystems in the Upper Snake River Basin**  
Chris Mebane, USGS
- 2:00 - 2:30     **Effects of Whole-River Fertilization and the Nuisance Alga *Didymosphenia geminata* on Benthic Macroinvertebrates in the Kootenai River, Idaho.**  
Gary Lester, EcoAnalysts and Charles Holderman, Kootenai Tribe of Idaho
- 2:30 - 3:00     **The Oregon Statewide Assessment: Information and Issues**  
Shannon Hubler, Oregon DEQ
- 3:00 – 3:30     **BREAK**

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*THURSDAY (continued) - November 8, 2007 – AGENDA*

3:30 – 4:30

Updates

1. Status of the Idaho Springsnail  
William H. Clark, Idaho Power Company
2. Report on the Latin American Entomological Congress and la Sociedad Mexicana de Entomología, Symposium: "Mexican Aquatic Entomology: Current State of Knowledge and Application" held in Acapulco, June 2007  
William H. Clark, Idaho Power Company
3. Update on National Lakes and River and Streams Surveys  
Lil Herger, EPA Region 10
4. NABS Taxonomic Certification Program  
Gary Lester, EcoAnalysts
5. PNAMP Macroinvertebrate Protocol  
Gretchen Hayslip, EPA Region 10

*THURSDAY EVENING - SOCIAL HOUR*

POSTERS WILL BE DISPLAYED THROUGHOUT THE MEETING

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***FRIDAY - November 9, 2007 – AGENDA***

- 8:30 – 9:00     **Combining Multiple EMAP Project Data Sets from Oregon and Washington in the Marine West Coast Forest Level II Ecoregion.**  
Rob Plotnikoff, Tetra Tech
- 9:00 – 9:30     **The Use of Invertebrates as Bioindicators of Willamette Valley Wetlands**  
Sarina Jepsen and Celeste Mazzacano, Xerces Society
- 9:30 - 10:00     **Biodiversity Assessment in the Calapooia Watershed: Evaluating Conservation Impacts on Frogs, Fish and Bugs in Intermittent Streams and Ponds**  
Tiffany Garcia, Randall Colvin and Alan Herlihy, OSU
- 10:00 - 10:30     **BREAK**
- 10:30 - 11:00     **Should Only Live Diatoms be Used in Stream Bioassessment?**  
Nadia Gillett and Yangdong Pan, Portland State University
- 11:00 – 11:30     **Developing a Typology and Biologically Based Nutrient Criteria for Wadeable Streams in the Pacific Northwest**  
Alan Herlihy and Jean C. Sifneos, OSU
- 11:30 – 12:00     **Wrap-up, next steps, and discussion of next years meeting in Washington**